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UNIFIED DATA PACKET 101

HEADER SECTION <u>105</u>

FINAL PAYLOAD COUNT 111

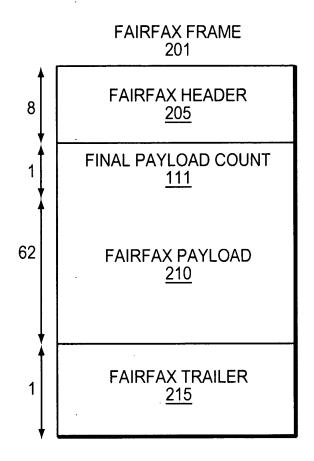
PAYLOAD SECTION 110

TRAILER SECTION 115

UNIFIED DATA PACKET

FIG. 1

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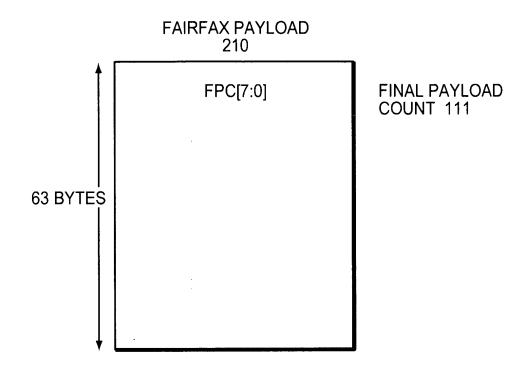
FAIRFAX FRAME FIG. 2

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	VERSION 301, MULTICAST 302, FINAL PAYLOAD COUNT VALID 303 SEGMENT TYPE 304, SEQUENCE NUMBER 305	RESERVED 306	FAIRFAX ROUTING ID (MSB) 307	FAIRFAX ROUTING ID (LSB) 308	SOURCE SLOT ID 309, SOURCE PORT ID (MSB) 310	SOURCE PORT ID (LSB) 311, DISCARD PRIORITY 312, RESERVED 313, BACKWARD TAGGING 314, FORWARD TAGGING 315	FAIRFAX SERVICE ID (LSB) 316	FAIRFAX QUEUE ID (LSB) 317
FAIRFAX HEADER 205	SN[2:0]	RESERVED[7:0]	FRID[15:8]	FRID[7:0]	SPID[4:2]	BTAG FTAG	FSID[7:0]	FQID[7:0]
	ST[1:0]				SSID[1:0]	RESERVED[2:0]		
	FPCV					DP		
	MCST					SPID[1:0]		
	VER							

FAIRFAX HEADER

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FAIRFAX PAYLOAD

FIG. 4

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FAIRFAX FRAME TRAILER 215

BIP-8[7:0]

BIT INTERLEAVED PARITY (8-BIT) 501

FAIRFAX FRAME TRAILER FIG. 5

Appl'n No.: 09/935,780 Title: "Unified Data Packet for Encapsulating Data..." Inventors: Rong C. Fang, et al. Replacement Sheet 6/6 FIRST FRID [15:8] (MSB) 607 **FIRST** FIRST FRID [7:8] (LSB) 608 **FAIRFAX** 8 BYTES **HEADER** 605 FIRST FSID 643 FIRST PAYLOAD 610 27 BYTES SECOND FRID [15:8] (MSB) 667 **SECOND** SECOND FRID [7:8] (LSB) 668 **FAIRFAX** 8 BYTES **HEADER** 625 SECOND FSID 646 27 BYTES SECOND PAYLOAD 630 **UNUSED**

FIG. 6

FAIRFAX TRAILER 615